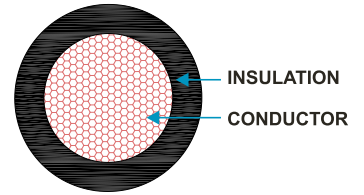




Battery Cables

PVC Single Core Cables



1501 - Battery Cables

Application

Automotive PVC insulated single-core cable is used for low voltage circuits in automobiles, vehicles and motorcycle battery cables.

Properties

- Flame retardant
- Highly resistant against acids, lyes, petrol and diesel
- Flexible conductor with PVC normal insulation thickness for battery cables
- Extra flexibility
- RoHS compliance

Construction

- Conductor : Soft-annealed electrolytic Copper E-Cu ETP1 according to IS 8130
- Insulation : Plasticized PVC lead free

Technical Parameter

- Temperature range : - 40°C to +70°C (3000 Hours)
- Spark test voltage : 3kV
- Voltage rating : Not exceed 100V



Standard Battery Cable

Part code	Nominal Cross Section	No. of Strands	Max. Strand Diameter	Outer Diameter max.	Max. DC Conductor Resistance at 20oC Ω/km
	mm ²	No./mm	mm	mm	mm
1501B010250	25	196	0.40	9.7	0.780
1501B010350	35	276	0.40	12.2	0.554
1501B010500	50	396	0.40	13.3	0.386
1501B010700	70	360	0.50	14.6	0.272

Flexible Battery Cable

Part code	Nominal Cross Section	No. of Strands	Max. Strand Diameter	Outer Diameter max.	Max. DC Conductor Resistance at 20oC Ω/km
	mm ²	No./mm	mm	mm	mm
1501B010160F	16	512	0.20	8.3	1.21
1501B010250F	25	800	0.20	10.1	0.780
1501B010350F	35	1120	0.20	11.8	0.554
1501B010500F	50	705	0.30	13.3	0.386
1501B010700F	70	990	0.30	15.5	0.272
1501B010950F	95	1340	0.30	17.9	0.206
1501B011200F	120	1690	0.30	19.7	0.161

F= Flexible

